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Applicant: NEC HOME ELECTRONICS LTD

[TITLE OF THE INVENTION]

LIQUID CRYSTAL DISPLAY DEVICE

[CLAIM]

An active matrix liquid crystal display device including a plurality of pixel electrodes arranged in a XY dimensional space and opposed to a common electrode through a liquid crystal layer, a plurality of switching elements arranged in the dimensional space each to be connected to the respective pixel electrode, a plurality of selective signal lines for applying a gate voltage to the switching elements arranged in a horizontal direction, and a plurality of video signal lines for applying a video signal to each main electrode of the switching elements arranged in a vertical direction, the device comprising:

means for varying simply the amplitudes of the video signals for one line along with a propagation time or for overlapping the video signals for one line to a bias voltage varied simply along with the propagation time; and

means for varying simply the amplitudes of the video signals for one field along with a propagation time or for overlapping the video signals for one field to a bias voltage varied simply along with the propagation time.